

# Resuscitation Quality Improvement® (RQI®) Programmes



- Offered, supported, and endorsed by the Irish Heart Foundation -
- Based on the science from the 2020 American Heart Association Guidelines -

Experts agree – small imperfections to CPR are harmful to patients and skills are perishable. The ability to consistently administer high-quality CPR is critical to improving outcomes and is the best chance for survival in a cardiac arrest emergency.

The **Resuscitation Quality Improvement® (RQI®) programmes** utilize the latest science and education technology to deliver a comprehensive learning system to address the problem of rapid CPR cognitive and skills decay. Instead of attending CPR courses infrequently, learners verify competencies once per quarter within the hospital setting to achieve and maintain skills mastery in high-quality CPR.

The RQI programmes are anchored in the American Heart Association’s science, driven by the technology of Laerdal Medical, and offered to the Irish health care market through the Irish Heart Foundation.

[www.irishheart.ie/RQI](http://www.irishheart.ie/RQI)



The Resuscitation Quality Improvement programmes combine short and frequent refresher sessions, directive skills feedback, and self-directed learning for safe and convenient learning at the point of care.



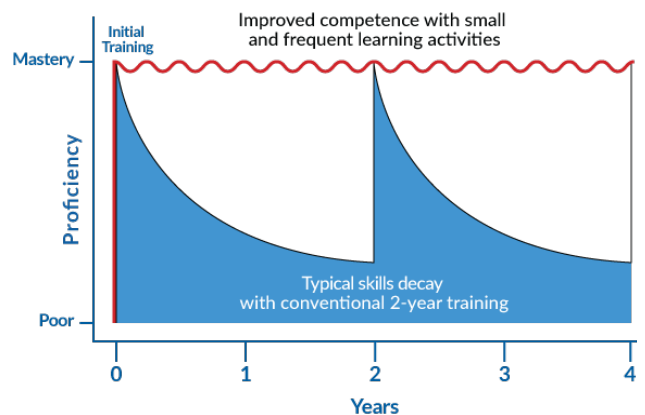
## VERIFIED COMPETENCE

### Low-Dose, High-Frequency Education

The Resuscitation Quality Improvement (RQI) programmes provide a high-reliability platform for simulation-based mastery learning, implemented through low-dose, high-frequency quality improvement sessions that measure and verify competence to help healthcare providers retain and master life-saving skills.

Studies show that the conventional annual or bi-annual training cycle is not optimal for achieving the mastery learning of high-quality CPR skills needed to save more lives. Skills decay occurs in as few as three months after training.

The perpetual curriculum of the RQI programmes replaces skills decay with verified competence and saves lives.



### The Programmes



**Low-dose, high-frequency education** – Instead of time-intensive training classes every year and away from the bedside, the RQI programmes are conducted directly at the point of care and in short quarterly sessions on the provider's schedule.

**Self-directed, feedback-driven, and adaptive learning** – Skills sessions are completed at an RQI Simulation Station with audiovisual, directive feedback. eLearning components can be accessed on a variety of devices and feature an innovative algorithm that adapts education in real time to each learner's level of expertise.

**Reduced investments and maintenance** – The RQI subscription model reduces capital investments, lowers future maintenance costs, and provides support for everything from equipment to software.